

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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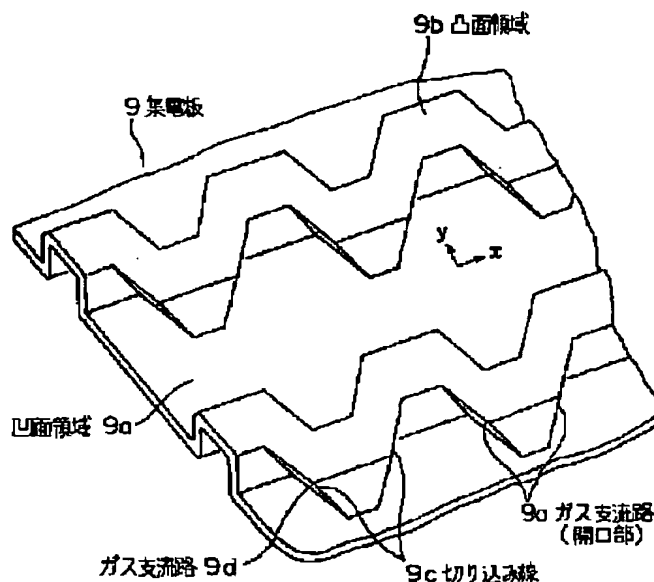
APPLICATION DATE : 29-11-93  
APPLICATION NUMBER : 05297978

APPLICANT : TOSHIBA CORP;

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TITLE : CURRENT COLLECTING PLATE FOR FUEL CELL



ABSTRACT : PURPOSE: To provide a current collecting plate for a fuel cell capable of securing the uniform gas flow at an electromotive section by forming and arranging notch sections diagonal (at an angle other than a right angle) against the folded line to form irregular faces for a gas passage.

CONSTITUTION: A conducting metal flat plate is folded into irregular faces 9a, 9b, and a recessed region 9a or a protruded region 9b is used as a gas passage in a current collecting plate 9 for a fuel cell. A notch line 9 diagonal against the folded line with the side wall section and the upper face of the recessed region 9a or the protruded region 9b serving as the gas passage is formed, and an opening section formed on the notch line 9c by the folding is provided as a gas passage 9d. When the gas branch flow becomes deficient at part of an electromotive section, it can be supplemented by the inflow from the other portion, the gas flow at the electromotive section is easily and surely unified, and the performance and life of the fuel cell are improved.

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